

Human chimeric SWLA antibodies but not mouse SWLA antibodies trigger the killing of *S. mutans* by concentrated immune components from saliva

The experiments: 10^6 *S. mutans* incubated 1 h with antibodies and concentrated immune components (complements, neutrophils and other lymphocytes)

<u>Antibody</u>	<u><i>S. mutans</i> survival rate</u>
SWLA1	95%
SWLA1-H	23%
SWLA2	91%
SWLA2-H	37%
SWLA3	87%
SWLA3-H	26%

Survival rate may vary from person to person, but the trend is always the same: more killing of *S. mutans* is induced by humanized antibodies instead of mouse antibodies.